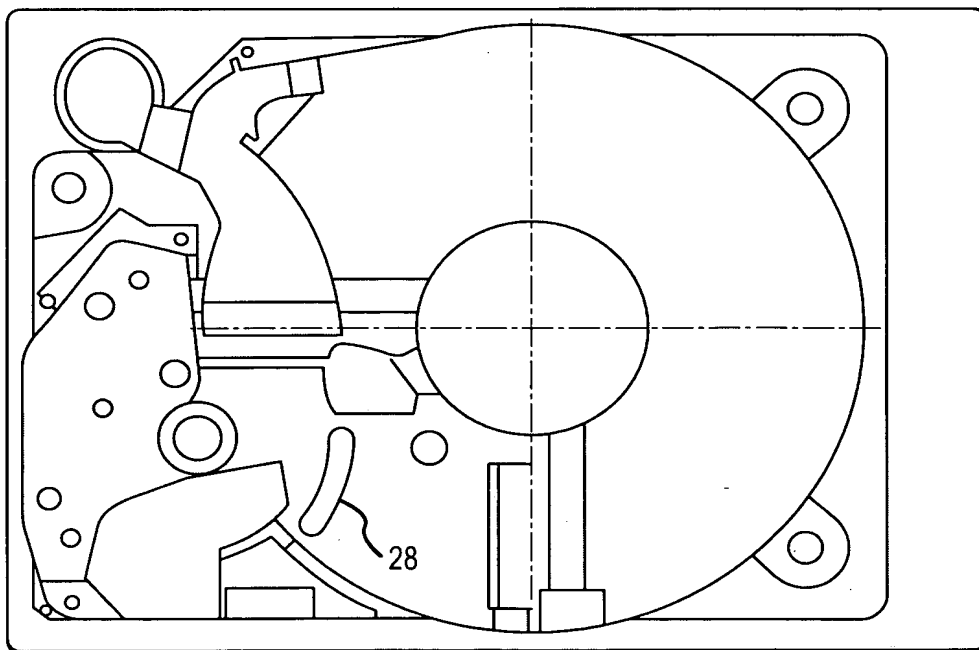
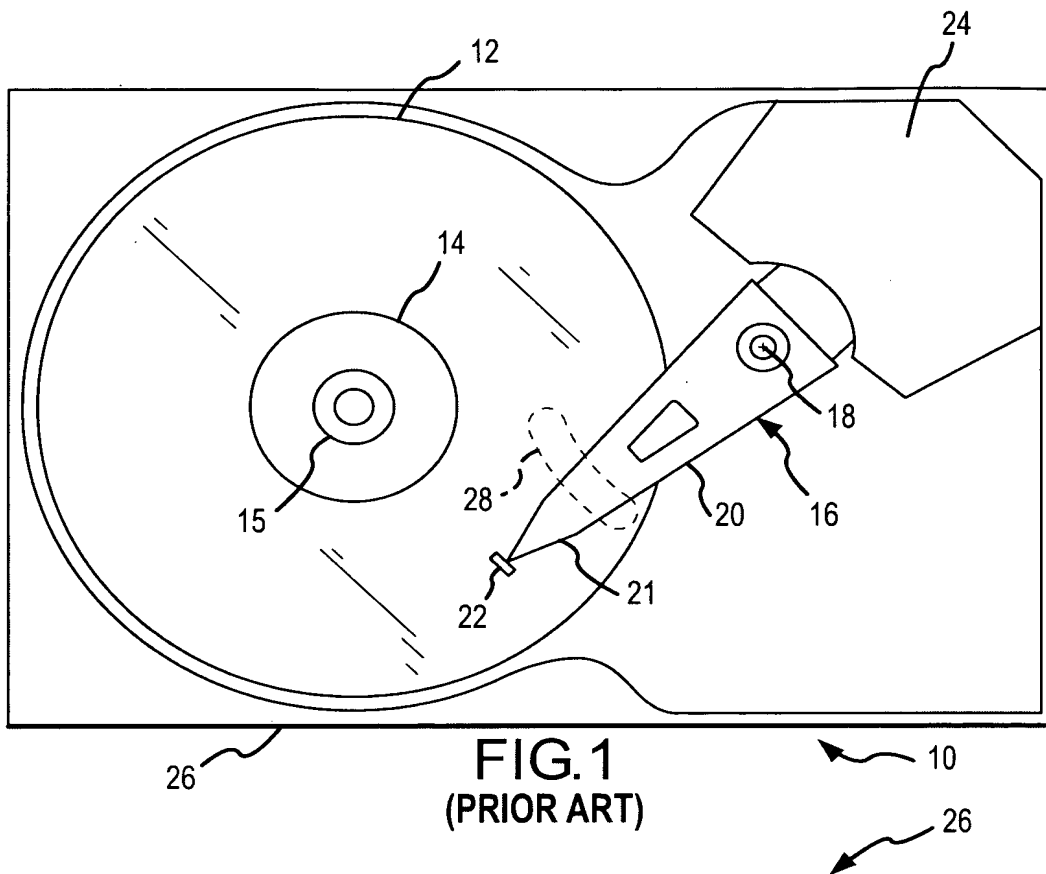




Serial No.: 10/053,934
Title: Vibration-Damped Push-Pin Assembly for Disk Drive Servo Writing
Inventor(s): GUO ET AL.
Docket No.: 3123-412
James L. Johnson

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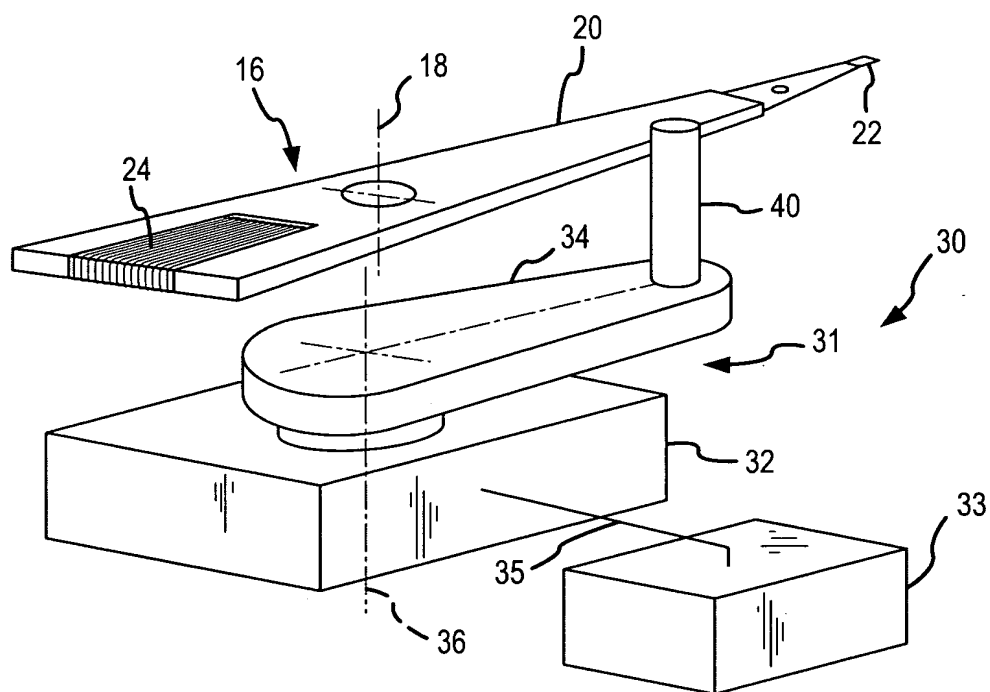


FIG. 3

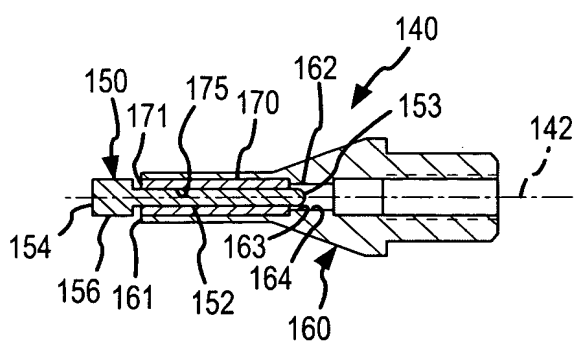


FIG. 5

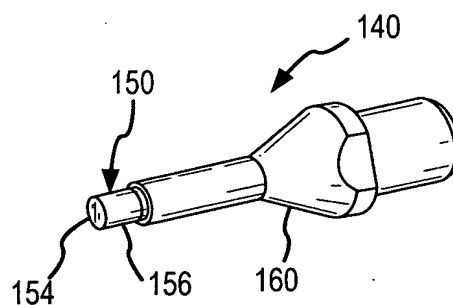


FIG. 4

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FIG.6A

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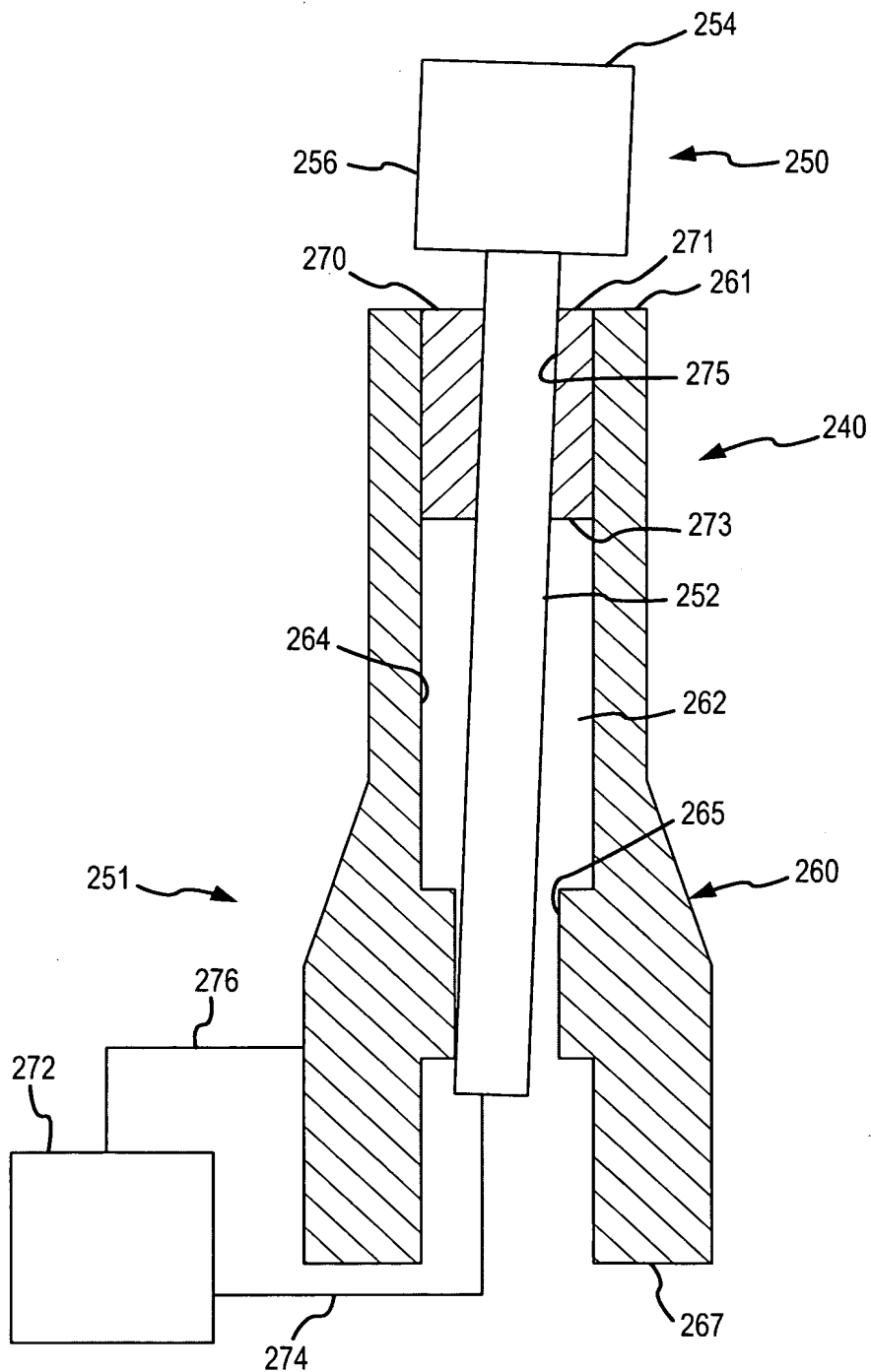


FIG. 6B

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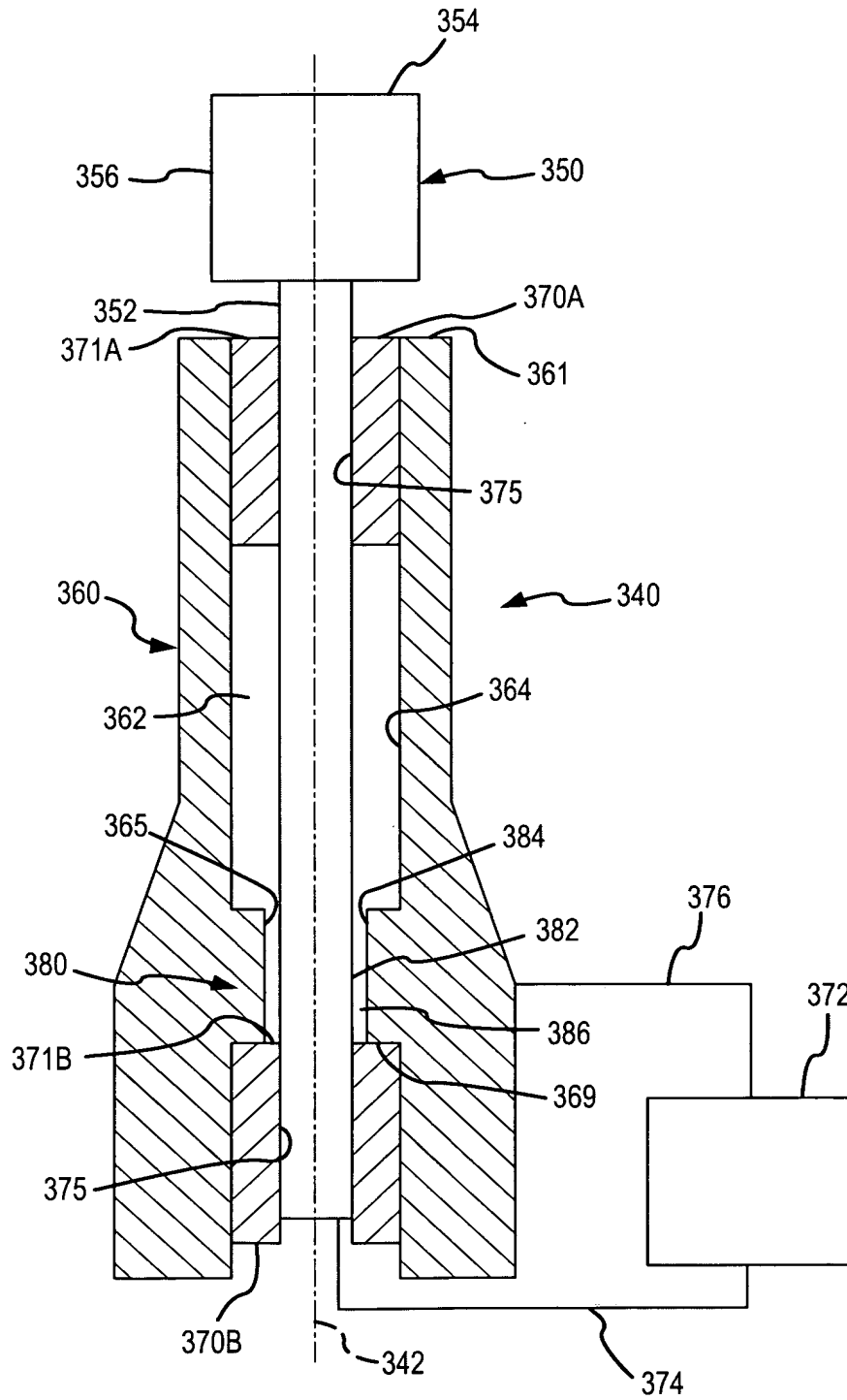


FIG. 7

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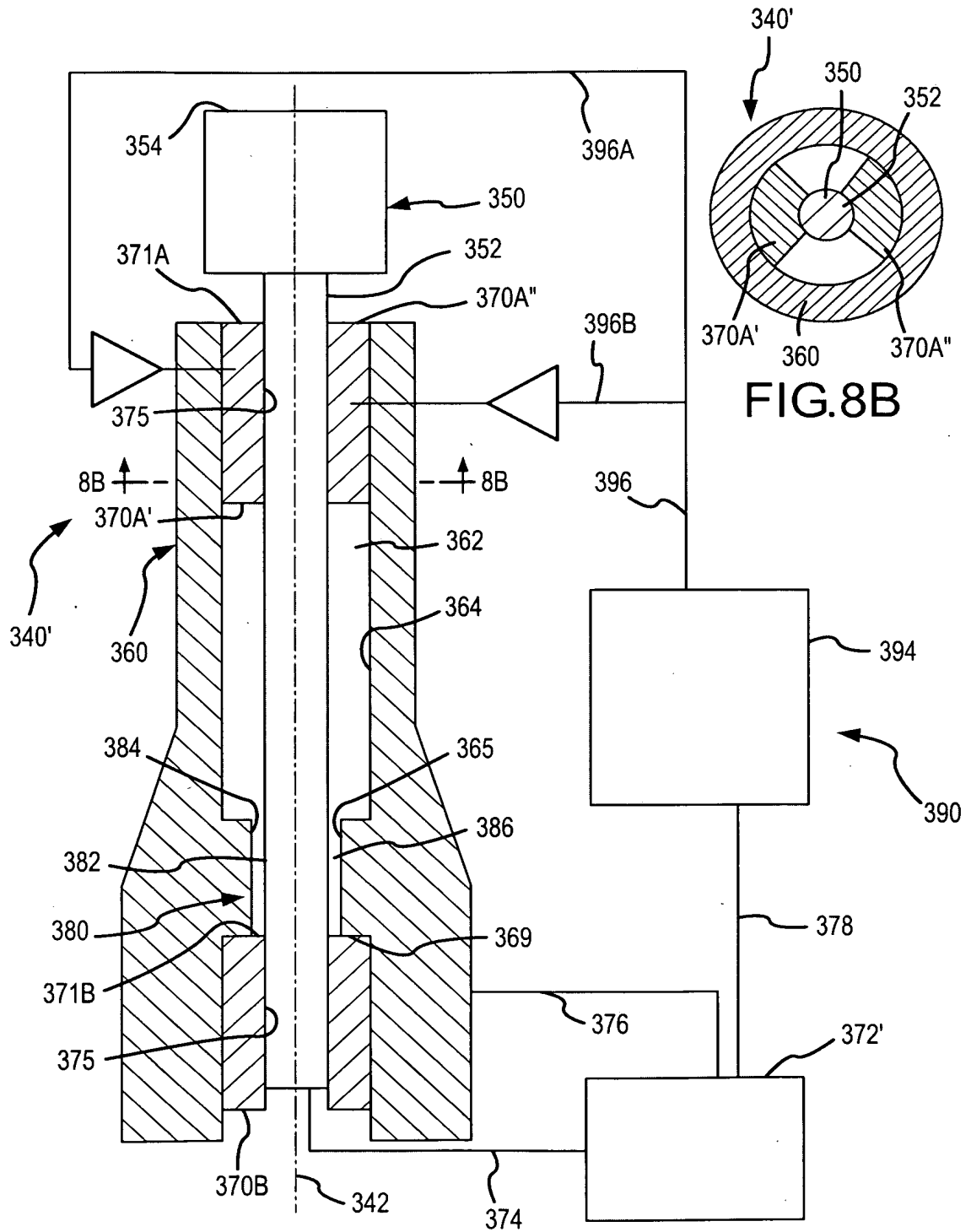


FIG. 8A

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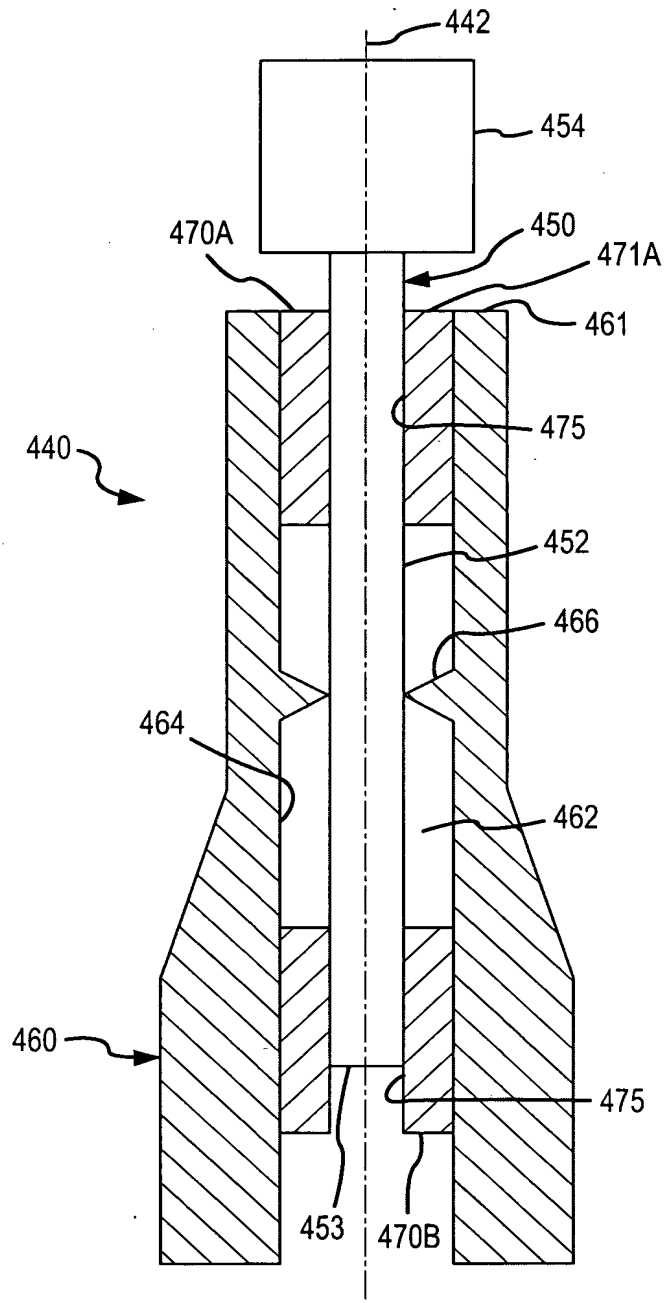


FIG.9

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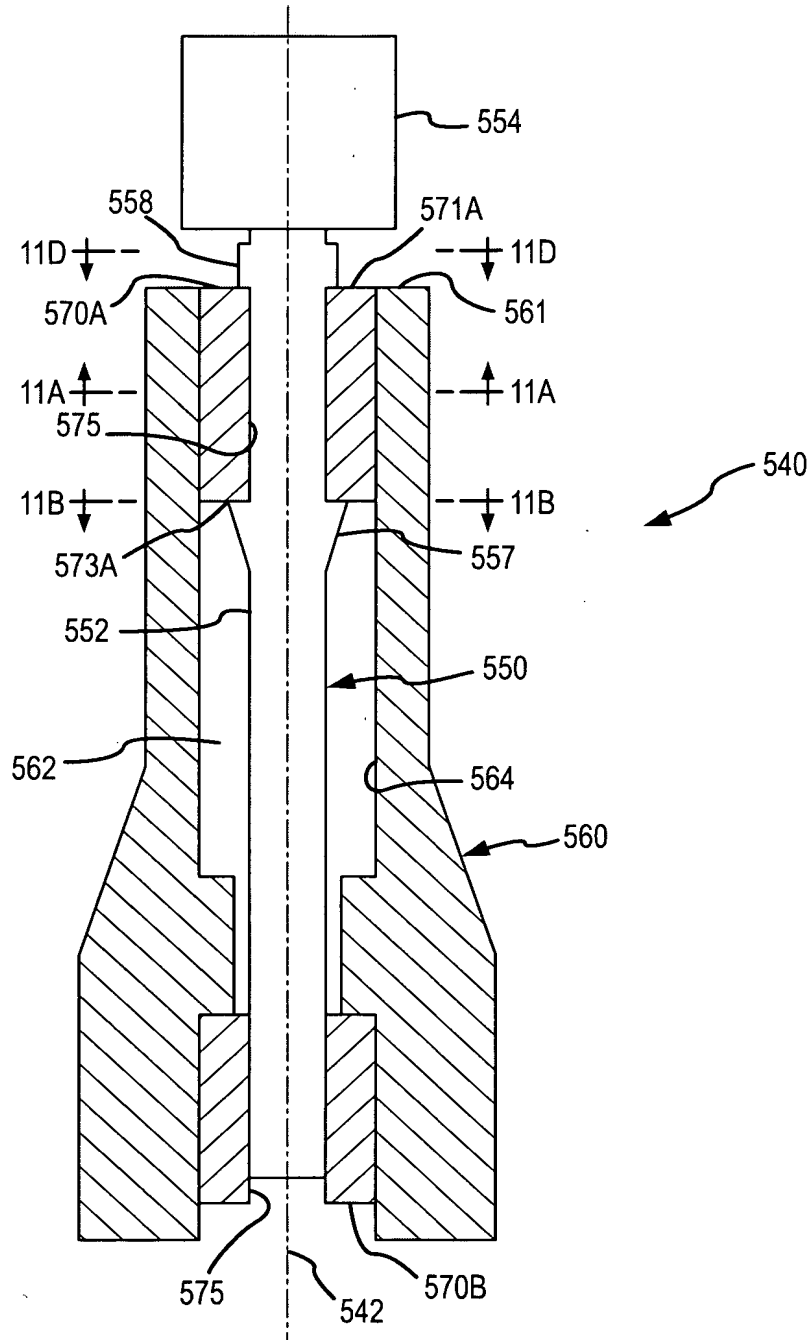
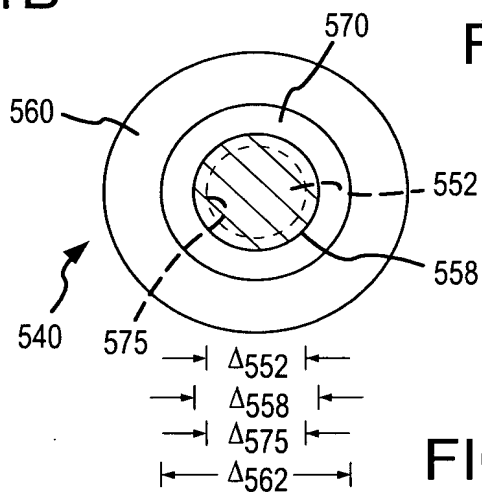
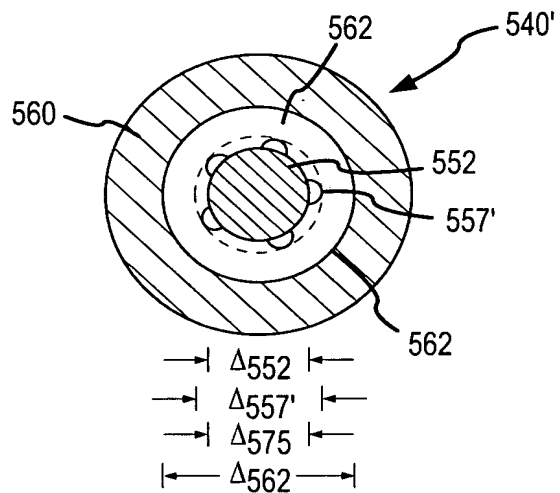
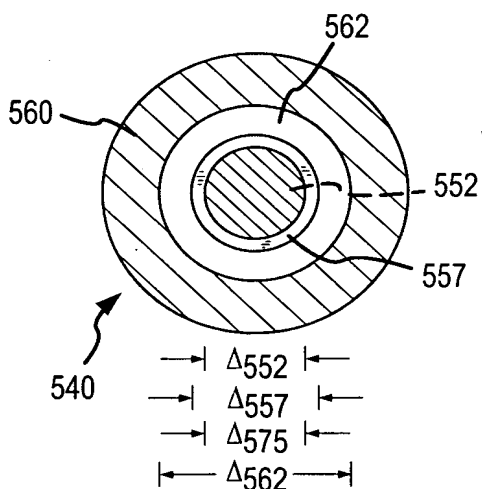
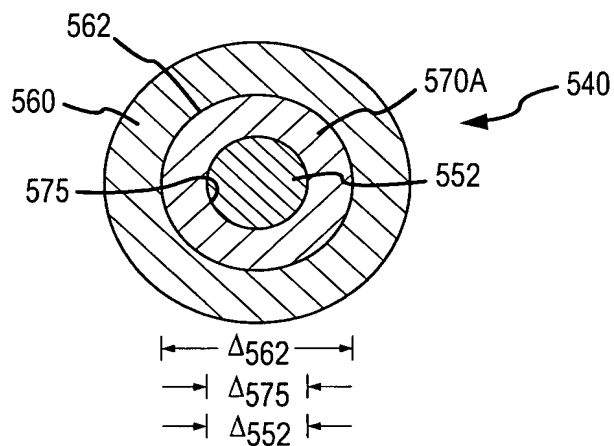
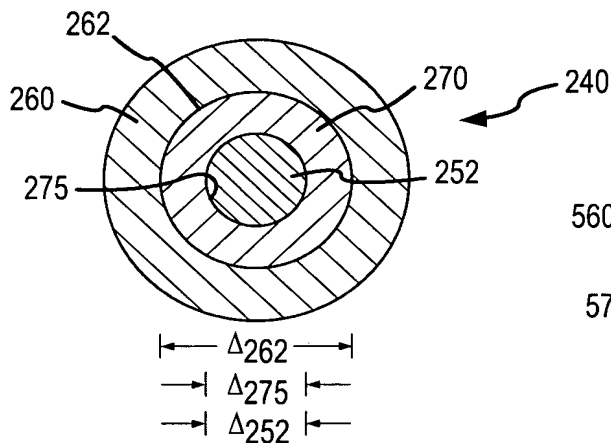


FIG.10

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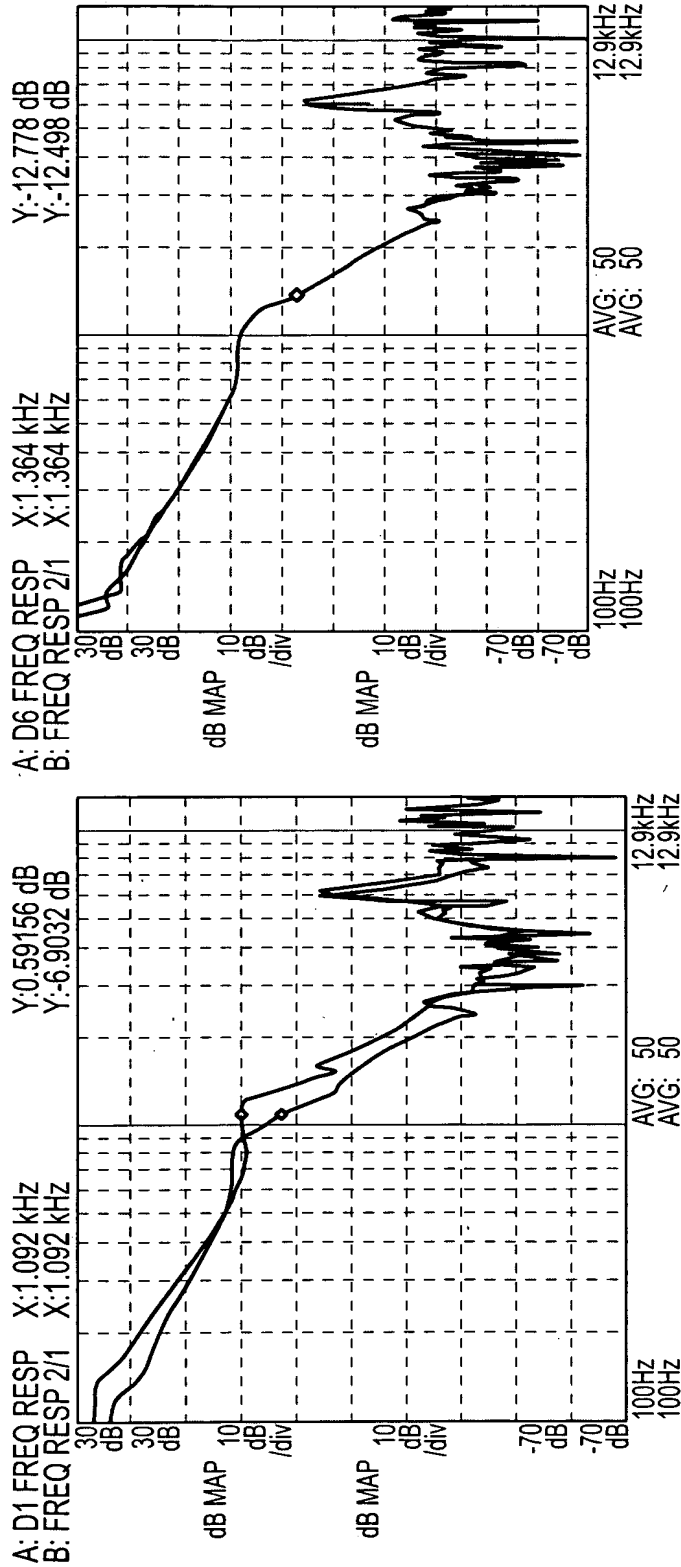
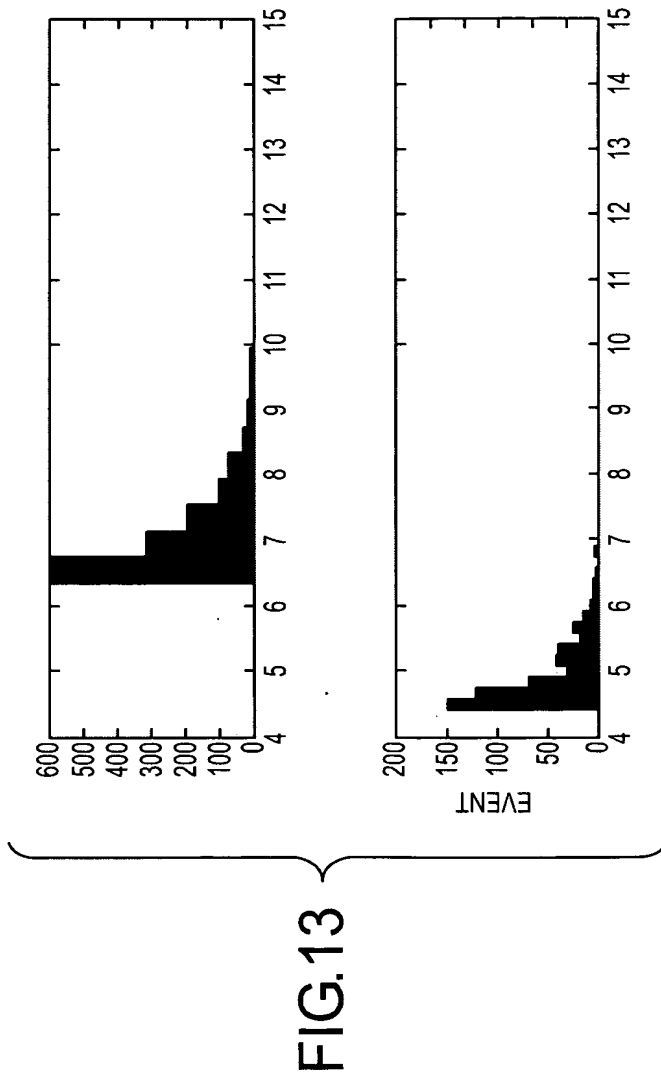


FIG. 12B

FIG. 12A

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	DRIVE 1	DRIVE 2	DRIVE 3	DRIVE 4	DRIVE 5
OLD PUSH-PIN	3.35	2.45	1.75	2.36	2.4
NEW PUSH-PIN	3.01	1.80	1.11	2.17	2.09

FIG.14